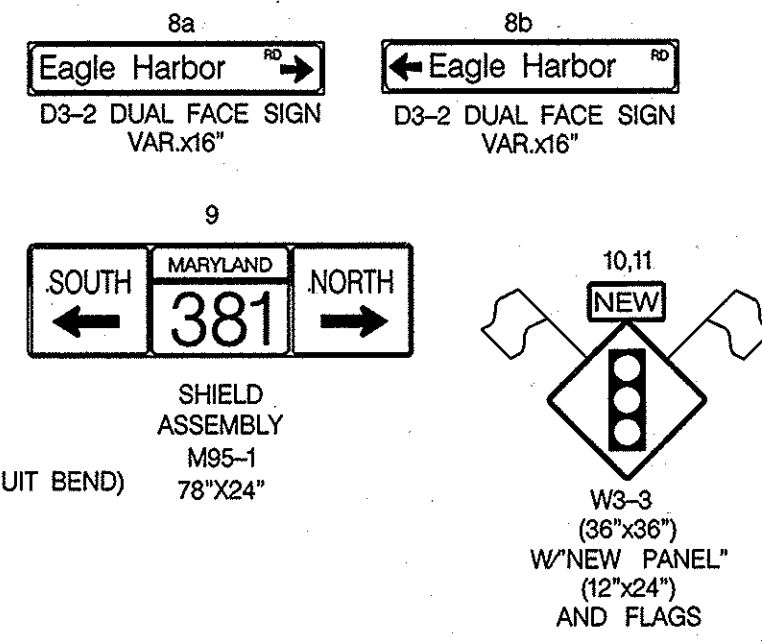


SCALE 1" = 20'

MD 381 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

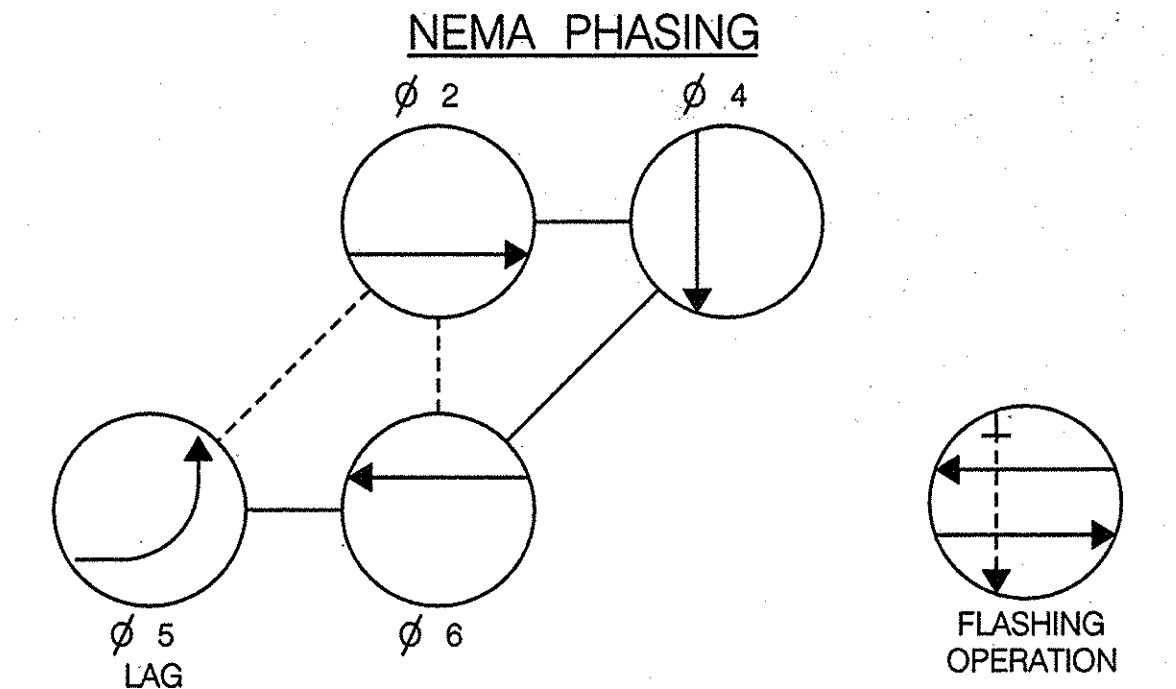
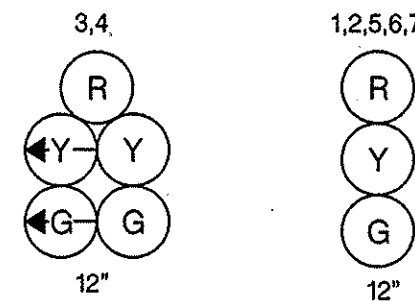
CONSTRUCTION DETAILS

- INSTALL CONCRETE FOUNDATION WITH 27 FT. MAST ARM POLE AND 38 FT. MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, 15 FT. STREET LIGHTING BRACKET ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL ONE 3 IN. PVC SCHEDULE 80, CONDUIT BEND)
- INSTALL ELECTRICAL HANDHOLE
- INSTALL 3 IN. PVC SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
- INSTALL 3 IN. PVC SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
- INSTALL MICRO-LOOP PROBE SET
- INSTALL CONCRETE FOUNDATION WITH 27 FT. MAST ARM POLE AND TWIN 50 FT. MAST ARMS, SIGNAL HEAD SIGNS, VIDEO DETECTION CAMERA, 20 FT. STREET LIGHTING BRACKET ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL ONE 4-IN. PVC CONDUIT BEND)
- PROPOSED UNDERGROUND ELECTRIC SERVICE
- INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- INSTALL METER SERVICE PEDESTAL
- INSTALL 1" LIQUID-TIGHT, NON-METALLIC CONDUIT
- INSTALL 4 IN. PVC SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED, STUB-UP AT BASE OF UTILITY POLE
- INSTALL W3-3 SIGN ON 4 IN. X 6 IN. WOOD SUPPORT APPROXIMATELY 800 FT. IN ADVANCE OF THE INTERSECTION
- REMOVE EXISTING R1-1 SIGN POST
- INSTALL 2 IN. PVC SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
- INSTALL CONCRETE FOUNDATION WITH BASE MOUNTED CABINET AND CONTROLLER (NOTE: TWO 2 INCH AND TWO 4 INCH PVC CONDUIT BENDS)
- INSTALL 4 IN. PVC SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
- INSTALL 2 IN. PVC SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED, STUB-UP AT BASE OF UTILITY POLE

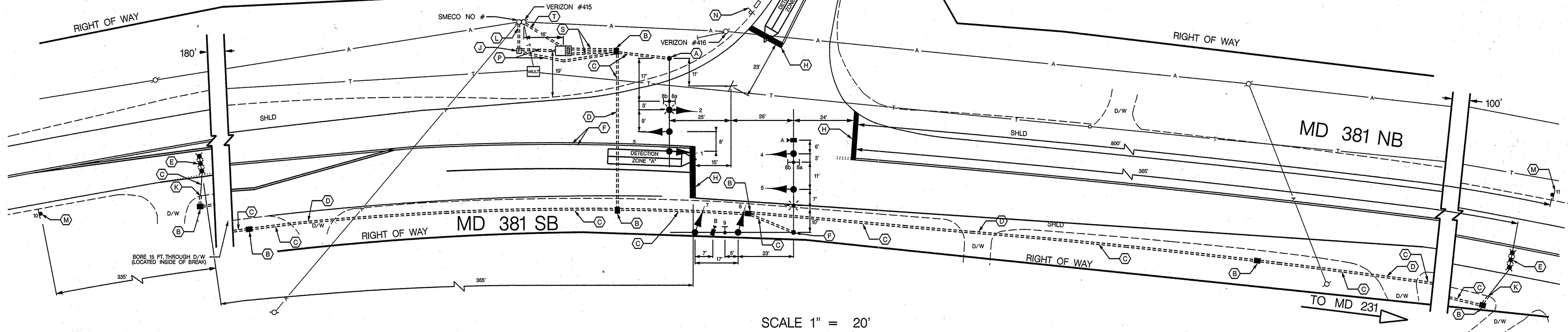


PROPOSED VIDEO DETECTION CAMERA

PROPOSED L.E.D. SIGNALS



- PHASING NOTES:**
- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 - PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.
 - PHASE 5 SHALL LAG BEHIND PHASES 2 AND 6

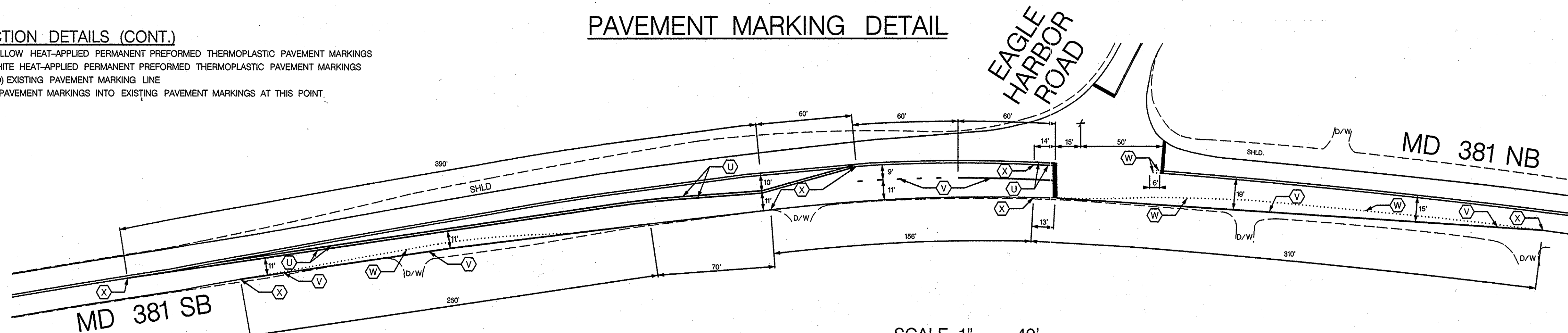


SCALE 1" = 40'

CONSTRUCTION DETAILS (CONT.)

- INSTALL 5 IN. YELLOW HEAT-APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
- INSTALL 5 IN. WHITE HEAT-APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
- REMOVE (GRIND) EXISTING PAVEMENT MARKING LINE
- TIE PROPOSED PAVEMENT MARKINGS INTO EXISTING PAVEMENT MARKINGS AT THIS POINT

PAVEMENT MARKING DETAIL



LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	—	A
ELECTRICAL	—	E
TELEPHONE	—	T
GAS	—	G
SEWER	—	S
WATER	—	W
CABLE TV	—	TV

GENERAL NOTES

- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

SCALE 1" = 40'

TRAFFIC CONCEPTS, INC.

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FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

APPROVALS	REVISIONS
<p>Wanda Wood 3/14/08 ASST. DIV. CHIEF</p> <p>Wanda Wood 3/17/08 DIVISION CHIEF</p> <p>Wanda Wood 3/17/08 OFFICE DIRECTOR</p>	

<p>SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION</p> <p>TRAFFIC SIGNAL PLAN MD 381 AND EAGLE HARBOR ROAD (AQUASCO, MD)</p>			
SCALE AS SHOWN	DATE 3-11-08	CONTRACT NO. BW998M82	
DESIGNED BY T. ZAYDEL	COUNTY PRINCE GEORGE'S		
DRAWN BY M. ROSEN	LOGMILE 16038101.75		
CHECKED BY S. RENZI	T.I.M.S. NO. I-909		
F.A.P. NO. NA	TOD NO.		
DRAWING NO. TS- 4636	SHEET NO. 1	OF 2	